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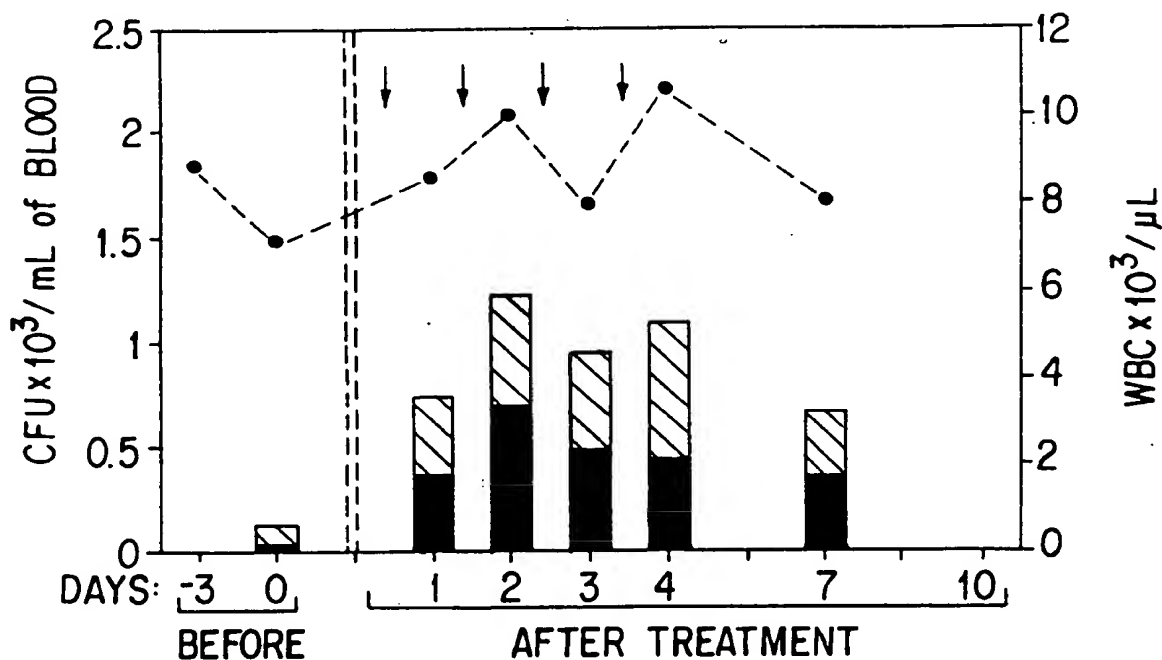


FIG. 1A

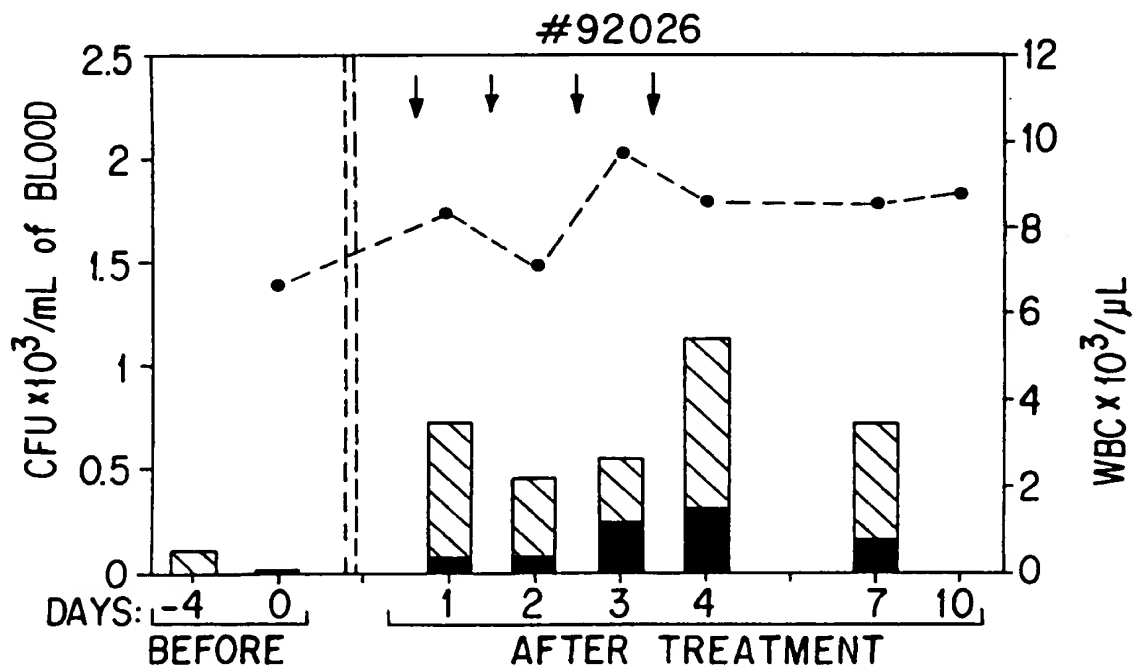


FIG. 1B

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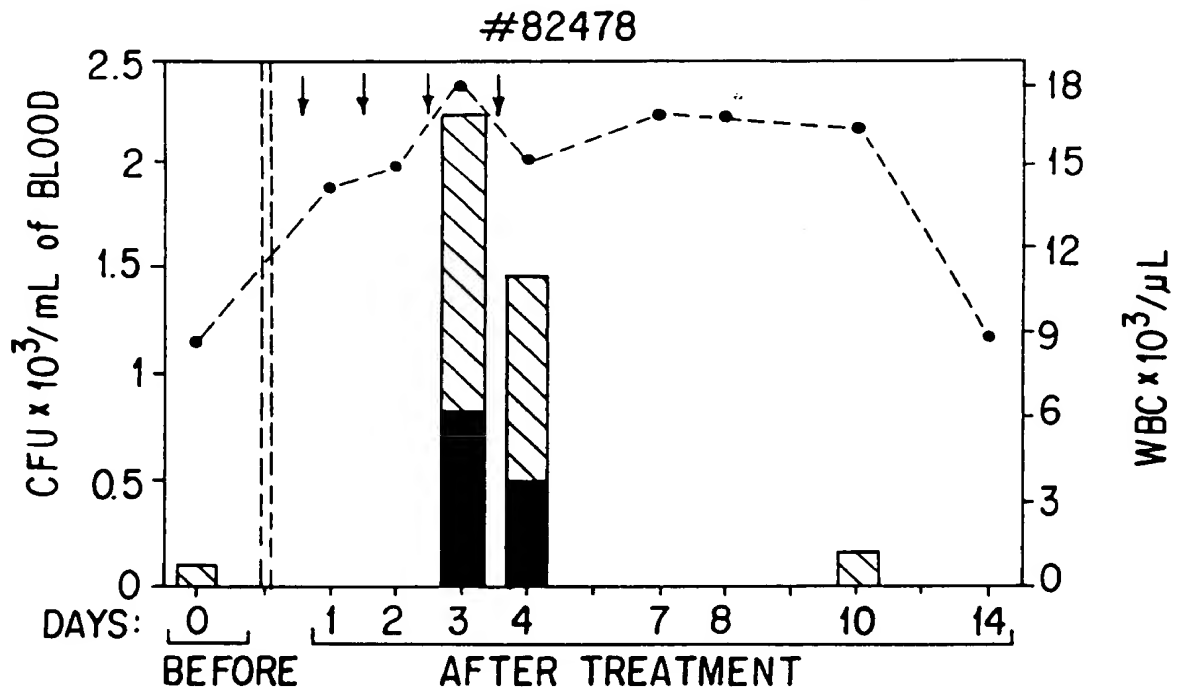


FIG. 1C

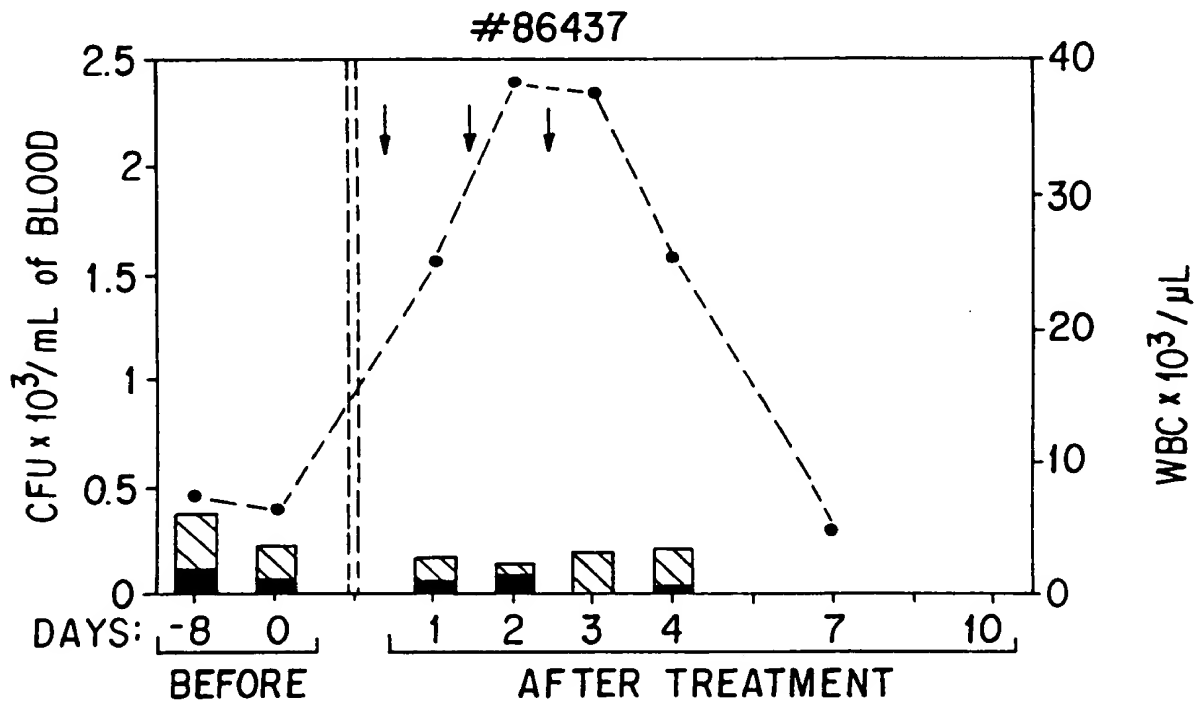


FIG. 2

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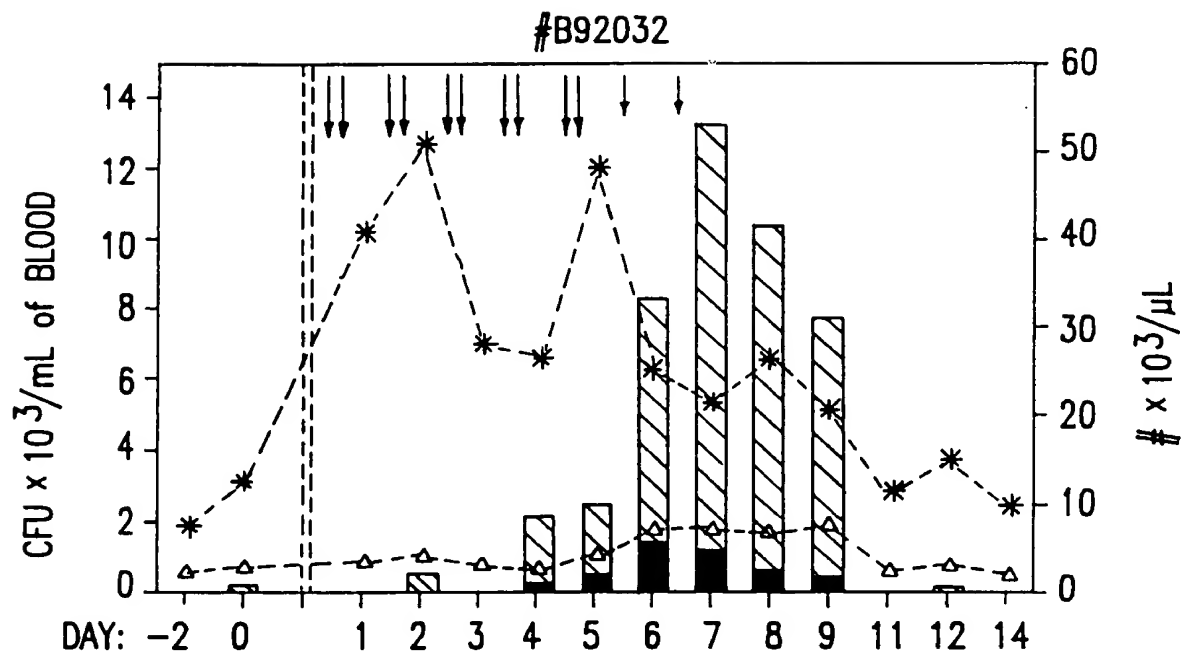


FIG.3A

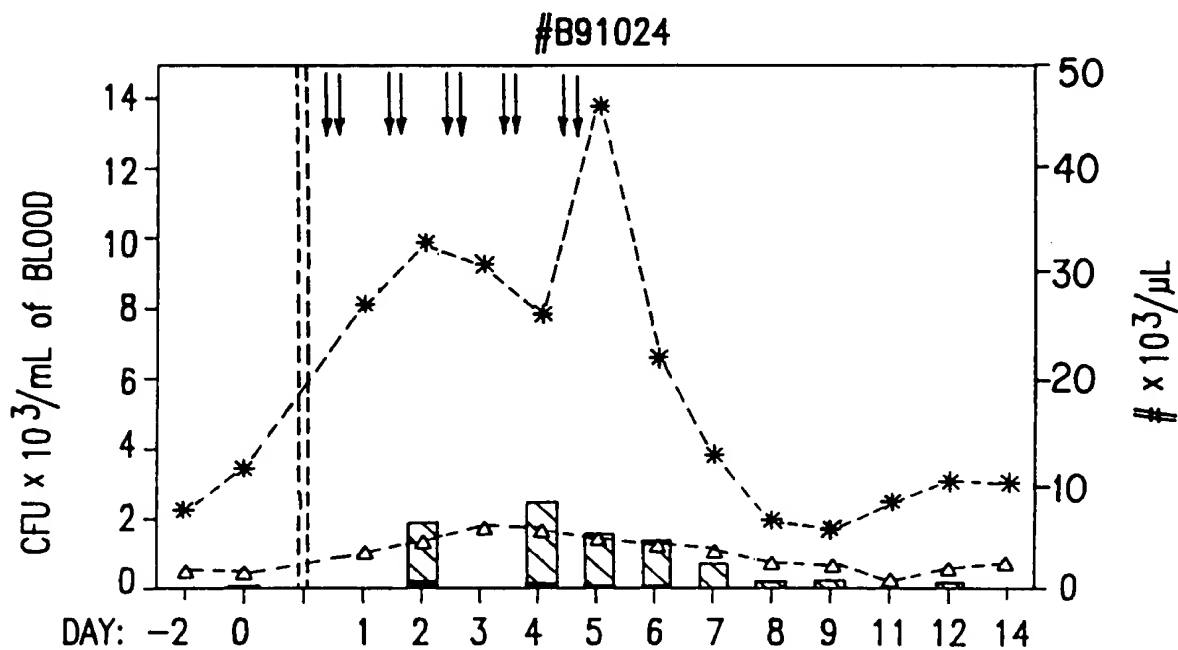


FIG.3B

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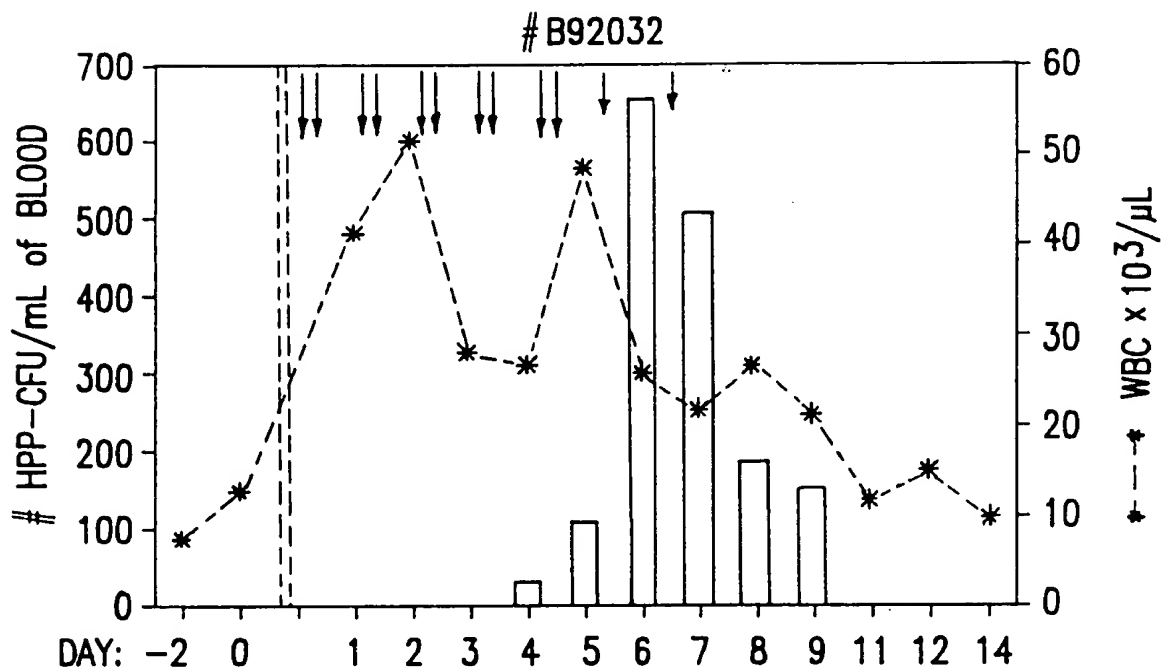


FIG.4A

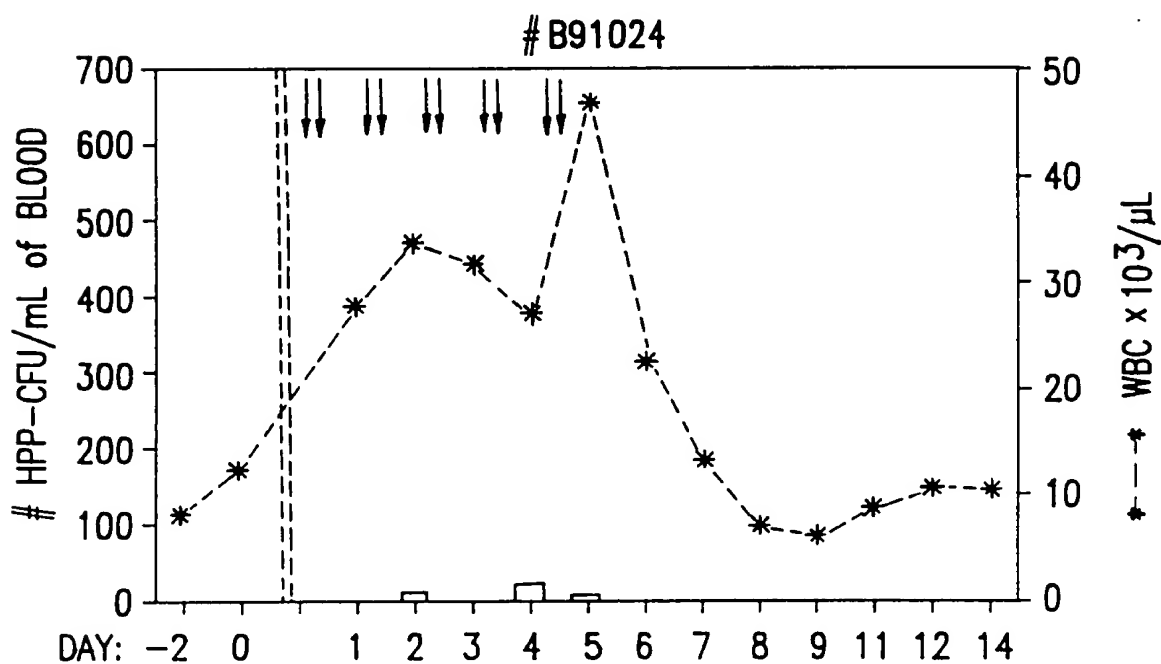


FIG.4B

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GTCAAACTGCAGCAGTCTGGGGCAGAGCTTGTGAAGCCAGGGCCCTCAGT  
CAAGTTGTCCCTGCACAGCTTCTGGCTTCAACATTAAAGACACCTATATGC  
ACTGGGTGAAGCAGAGGCCCTGAACAGGGCCCTGGAGTGGATTGGAAGGATT  
GATCCTGCGAGTGGGATATACTAAATATGACCCGAAGTCCAGGTCAAGGC  
CACTATTACAGCGGACACGTCCTCCAAACACAGCCTGGCTGCAGCTCAGCA  
GCCTGACATCTGAGGACACTGCCGTCTACTGTGTGCAGACGGAATGTGG  
GTATCAACGGGATATGCTCTGGACTTCTGGGGCCAAAGGACCAACGGTCAC  
CGTCTCCTCA

FIG. 5A

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AGTATTGTGATGACCCAGACTCCCAAATTCCCTGCTTGTTCAGCAGGAGA  
CAGGGTACCATAACCTGCAAGGCCAGTCAGAGTGTGACTAATGATGTAG  
CTTGGTACCAACAGAAGCCAGGGCAGTCTCCTAAACTGCTGATATATTAT  
GCATCCAATCGCTACACTGGAGTCCCTGATCGCTTCACTGGCAGTGGATA  
TGGGACGGATTTCATTTCACCATCAGCACTGTGCAGGCTGAAGACCTGG  
CAGTTATTCTGTCAAGCAGGATTATAGCTCTCCGTACACGTTCCGAGGG  
GGGACCAAGCTGGAGATC

FIG. 5B

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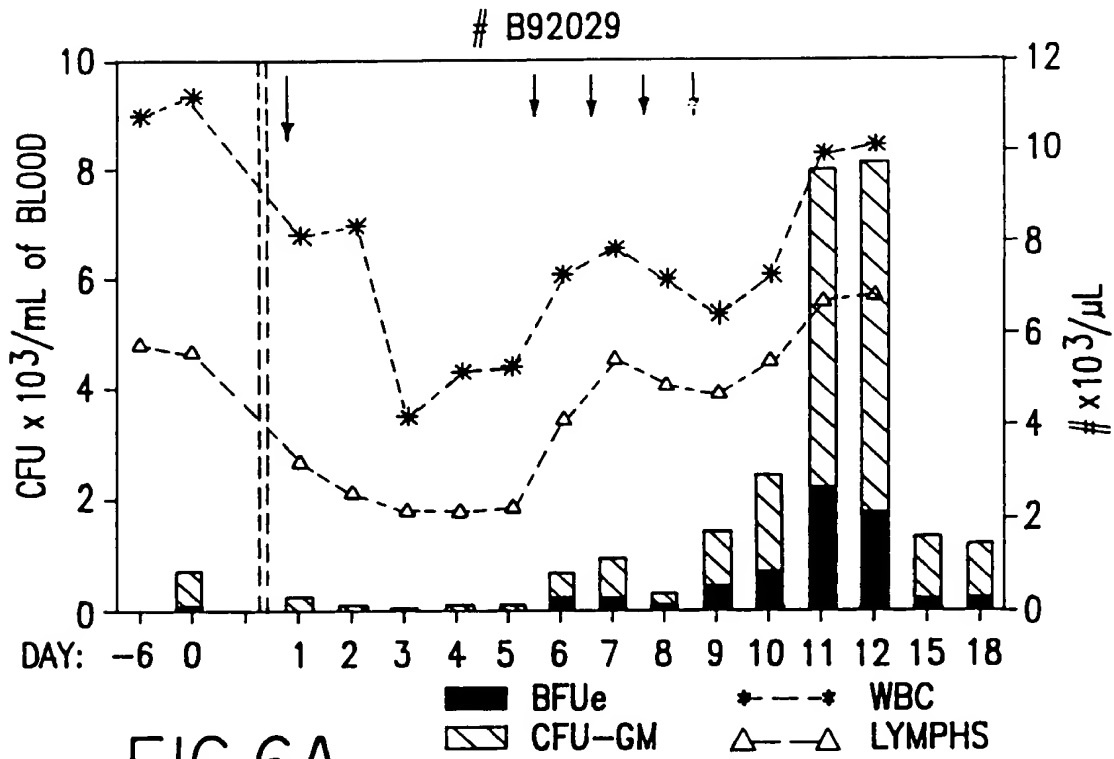


FIG. 6A

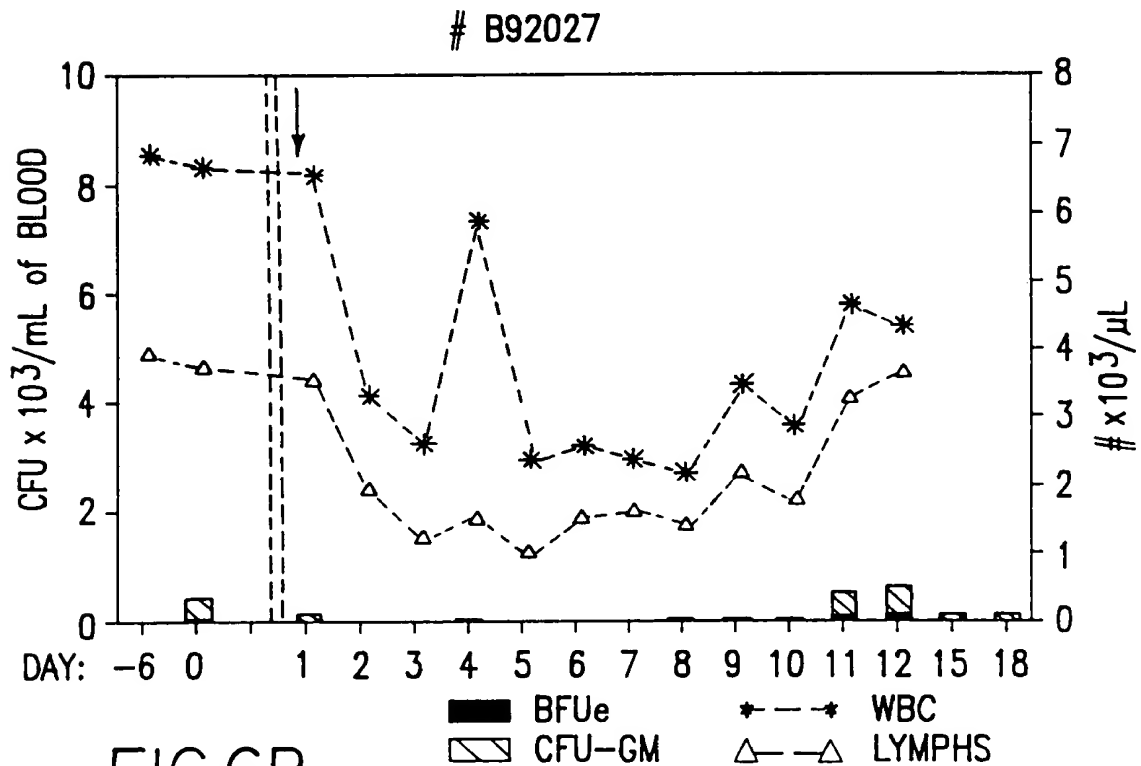


FIG. 6B

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ATG GAC TGG ACC TGG AGG GTC TTC TGC TTG CTG GCT GTA GCA CCA GGT  
GCC CAC TCC CAG GTC CAA CTG CAG GAG AGC GGT CCA GGT CTT GTG AGA  
CCT AGC CAG ACC CTG AGC CTG ACC TGC ACC GTG TCT GGC TTC AAC ATT  
AAA GAC ACC TAT ATG CAC TGG GTG AGA CAG CCA CCT GGA CGA GGT CTT  
GAG TGG ATT GGA AGG ATT GAT CCT GCG AGT AGT GGC GAT ACT AAA TAT GAC  
CCG AAG TTC CAG GTC AGA GTG ACA ATG CTG GTA GAC ACC AGC AAG AAC  
CAG TTC AGC CTG AGA CTC AGC AGC GTG ACA GCC GCC GAC ACC GCG GTC  
TAT TAT TGT GCA GAC GGA ATG TGG GTA TCA ACG GGA TAT GCT CTG GAC  
TTC TGG GGC CAA GGG ACC ACG GTC ACC GTC TCC TCA GGT GAG TCC

FIG. 7A

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ATG GGT TGG TCC TGC ATC ATC CTG TTC CTG GTT GCT ACC GCT ACC GGT  
GTT CAC TCC GAC ATC CAG CTG ACC CAG AGC CCA AGC AGC CTG AGC GCC  
AGC GTG GGT GAC AGA GTG ACC ATC ACC TGT AAG GCC AGT CAG AGT GTG  
ACT AAT GAT GTA GCT TGG TAC CAG CAG AAG CCA GGT AAG GCT CCA AAG  
CTG CTG ATC TAC TAT GCA TCC AAT CGC TAC ACT GGT GTG CCA AGC AGA  
TTC AGC GGT AGC GGT AGC GGT ACC GAC TTC ACC TTC ACC ATC AGC AGC  
CTC CAG CCA GAG GAC ATC GCC ACC TAC TAC TGC CAG CAG GAT TAT AGC  
TCT CCG TAC ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA CGT AAG

TG

FIG. 7B

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ATG GAC TGG ACC TGG AGG GTC TTC TGC TTG CTG GCT GTA GCA CCA GGT  
GCC CAC TCC CAG GTC CAA CTG CAG GAG AGC GGT CCA GGT CTT GTG AGA  
CCT AGC CAG ACC CTG AGC CTG ACC TGC ACC GCG TCT GGC TTC AAC ATT  
AAA GAC ACC TAT ATG CAC TGG GTG AGA CAG CCA CCT GGA CGA GGT CTT  
GAG TGG ATT GGA AGG ATT GAT CCT GCG AGT GGC GAT ACT AAA TAT GAC  
CCG AAG TTC CAG GTC AGA GTG ACA ATG CTG GTA GAC ACC AGC AGC AAC  
CAG TTC AGC CTG AGA CTC AGC AGC GTG ACA GCC GCC GAC ACC GCG GTC  
TAT TAT TGT GCA GAC GGA ATG TGG GTA TCA ACG GGA TAT GCT CTG GAC  
TTC TGG GGC CAA GGG ACC ACG GTC ACC GTC TCC TCA GGT GAG TCC

FIG. 8A

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ATG GGT TGG TCC TGC ATC ATC CTG TTC CTG GTT GCT ACC GCT ACC GGT  
GTC CAC TCC AGC ATC GTG ATG ACC CAG AGC CCA AGC AGC CTG AGC GCC  
AGC GTG GGT GAC AGA GTG ACC ATC ACC TGT AAG GCC AGT CAG AGT GTG  
ACT AAT GAT GTA GCT TGG TAC CAG CAG AAG CCA GGT AAG GCT CCA AAG  
CTG CTG ATC TAC TAT GCA TCC AAT CGC TAC ACT GGT GTG CCA GAT AGA  
TTC AGC GGT AGC GGT TAT GGT ACC GAC TTC ACC TTC ACC ATC AGC AGC  
CTC CAG CCA GAG GAC ATC GCC ACC TAC TAC TGC CAG CAG GAT TAT AGC  
TCT CCG TAC ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA CGT AAG  
TG

FIG. 8B

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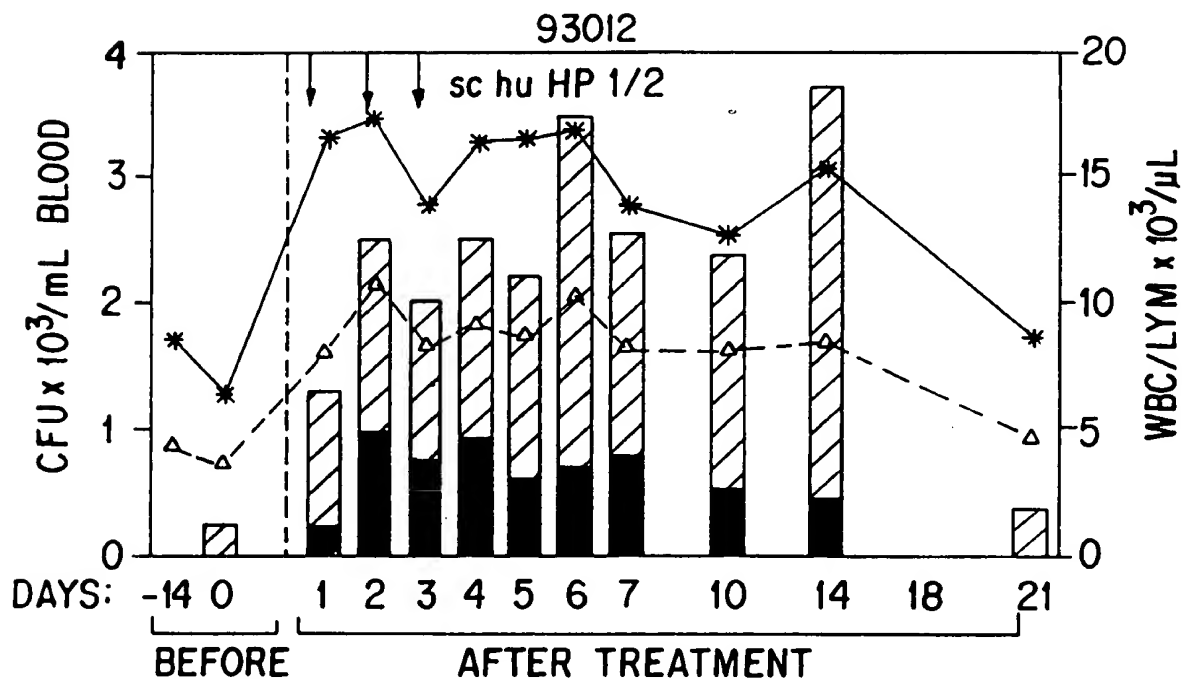


FIG. 9

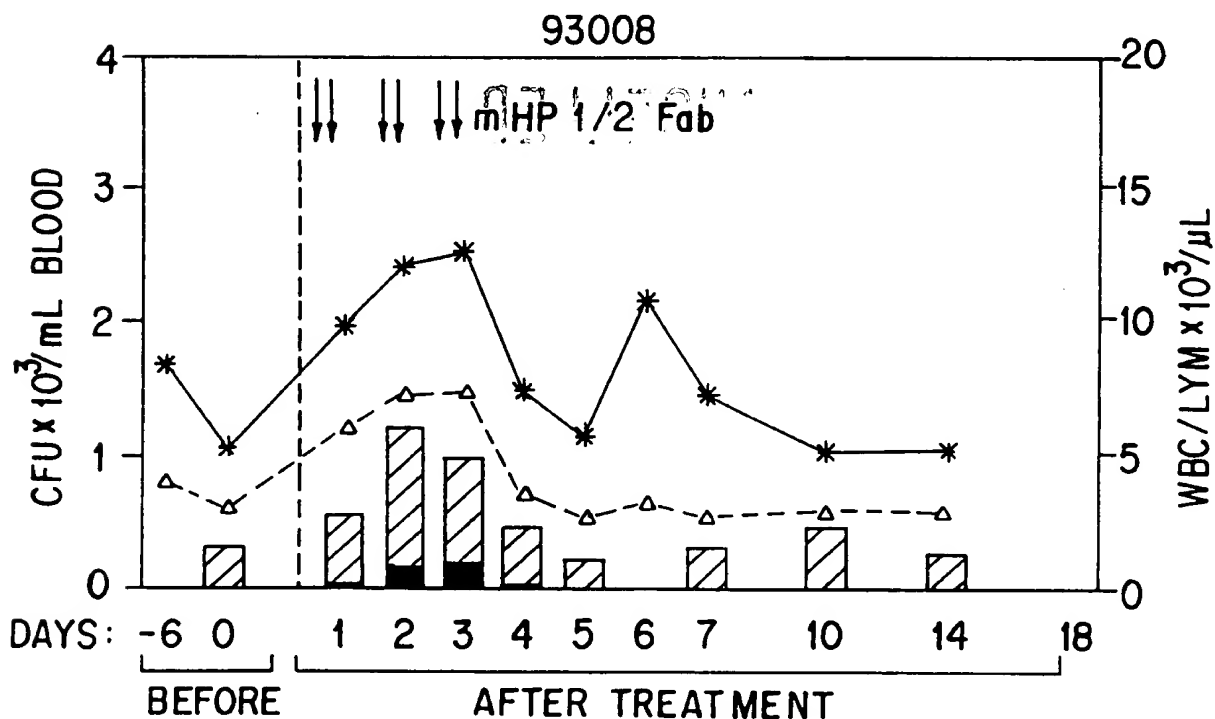


FIG. 10